

AMENDMENTS TO THE ABSTRACT:

Please amend the abstract as follows:

~~There are provided a fuel cell power generation system a method of detecting the degree of deterioration of the reformer therefore, a fuel cell power generation method, etc. which can instantaneously and continuously effect the detection of deterioration of the fuel cell power generation system, which controls the temperature of reformed gas at a constant temperature, and judge the replacement time of a reforming catalyst.~~

A fuel power generation system includes a reformer 12 ~~of causing a raw material and water vapor to react with each other to produce a hydrogen-rich fuel gas~~ producing a hydrogen-rich fuel gas by reacting a raw material with vapor, a fuel cell 11 ~~of effecting power generation from generating power by using~~ the fuel gas and an oxidizing gas, a raw material flow rate detecting instrument 19 which detects the flow rate of the raw material ~~which is being~~ supplied into ~~the~~ said reformer 12, a water vapor flow rate detecting instrument 20 which detects the flow rate of the water vapor ~~which is being~~ supplied into ~~the~~ said reformer, a fuel gas flow rate detecting instrument 21 which detects the flow rate of the fuel gas produced in ~~the~~ said reformer, and a deterioration degree detecting unit 22 instrument ~~of calculating~~ which calculates the degree of deterioration of ~~the~~ said reformer by comparing the calculated flow rate of the fuel gas, calculated from the flow rate of the raw material and the flow rate of the water vapor, with the detected flow rate of the fuel gas ~~detected were~~ provided.